

METHOD AND SYSTEM FOR INTERACTIVE TEACHING AND PRACTICING OF

LANGUAGE LISTENING AND SPEAKING SKILLS

Inventors: David Dunlap, Derek M. Koch, Douglas P. Whetter

Attorney Docket No.: C004 100104

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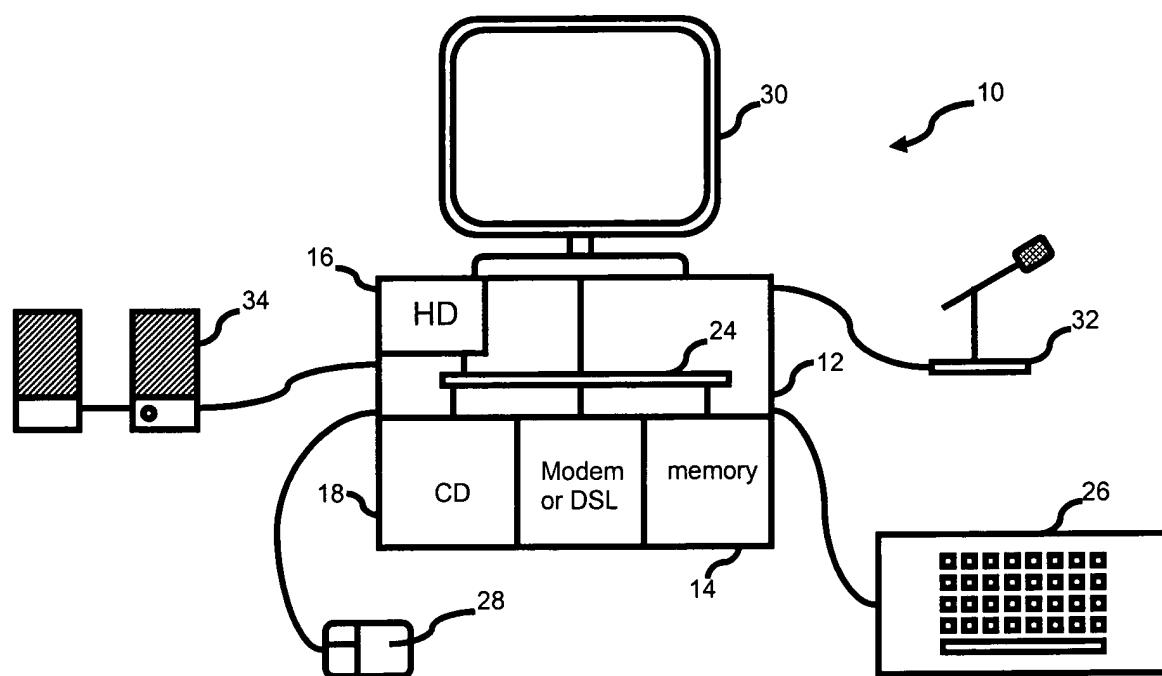


FIG. 1

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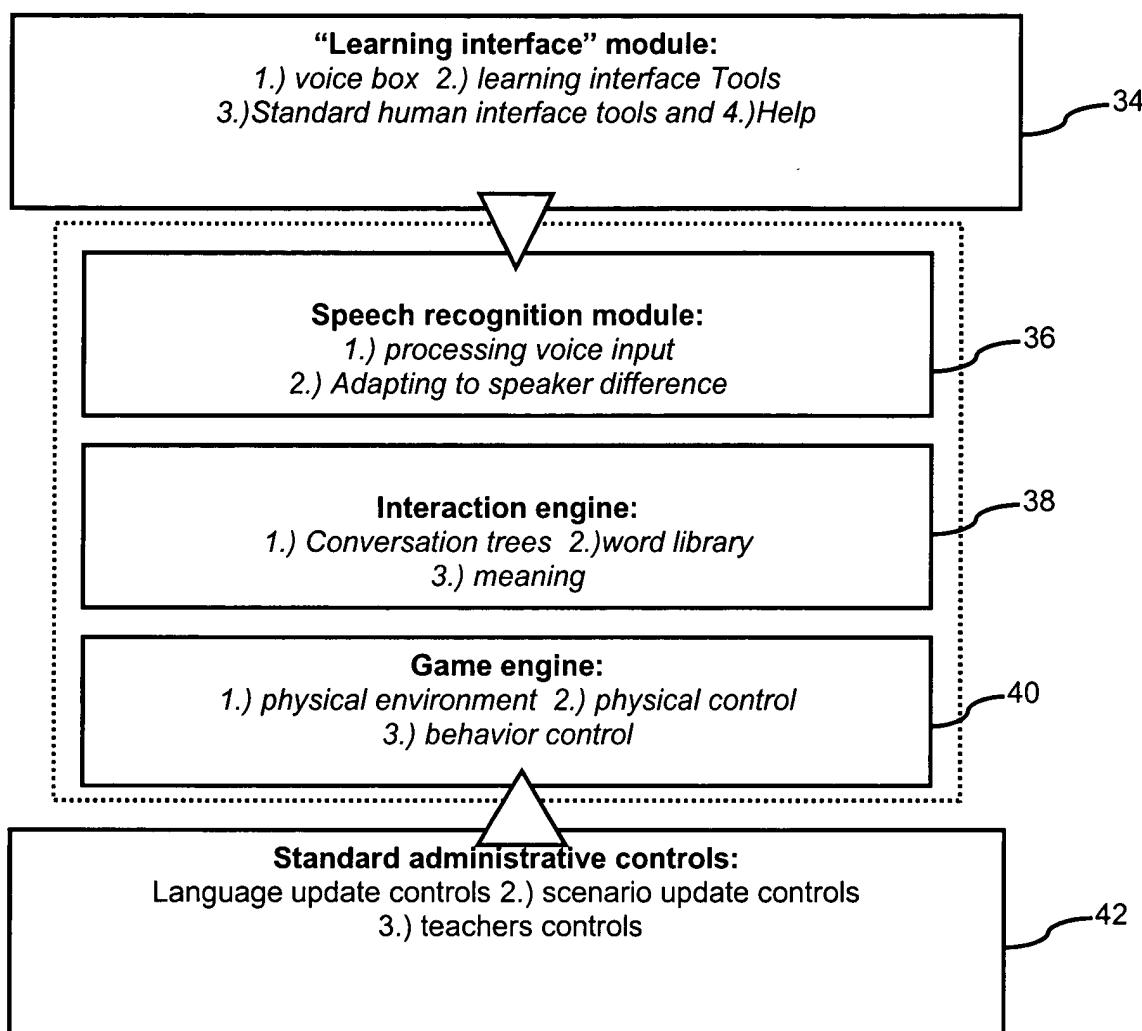


FIG. 2

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Learner 1

UserName

Demographics

Name

Age Range

Sex

Speech Recognition

Reference to Voice Model

Substitution Error List

Learning

Language

Teacher ID

Last Lesson Number

Last Area Number

Last Location

Setup Preferences

Lessons

Lesson 1

Character 1

Points

Duration

Nodes Skipped

Character 2, etc.

Lesson 2, etc.

Learner 2, etc.

FIG. 3

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Language Dialect 1

Name of Dialect

Reference to Vocabulary Word Models

Reference to Language Model

Speech Recognition Substitution Error List

Language dialect-specific graphics (surfaces, dress)

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Environment Areas

Area 1

Coordinates

Start Location

Objects

Object 1

Name

Graphics

Coordinates

Reference to Animation Details

Reference to Voice Recording

Object 2, etc.

Characters

Character 1

Name

Graphics

Coordinates

Script

Node 1

Lesson Points

Character Prompt

Text

Reference to Voice Recording

Expected Learner Response 1

Text

Grammar Statement

Next Node ID

Expected Learner Response 2, etc.

Node 2, etc.

Character 2, etc.

Area 2, etc.

Lessons

Lesson 1

Area I

Character R

Character S, etc.

Area J, etc.

Lesson 2, etc.

Language Dialect 2, etc.

FIG. 4

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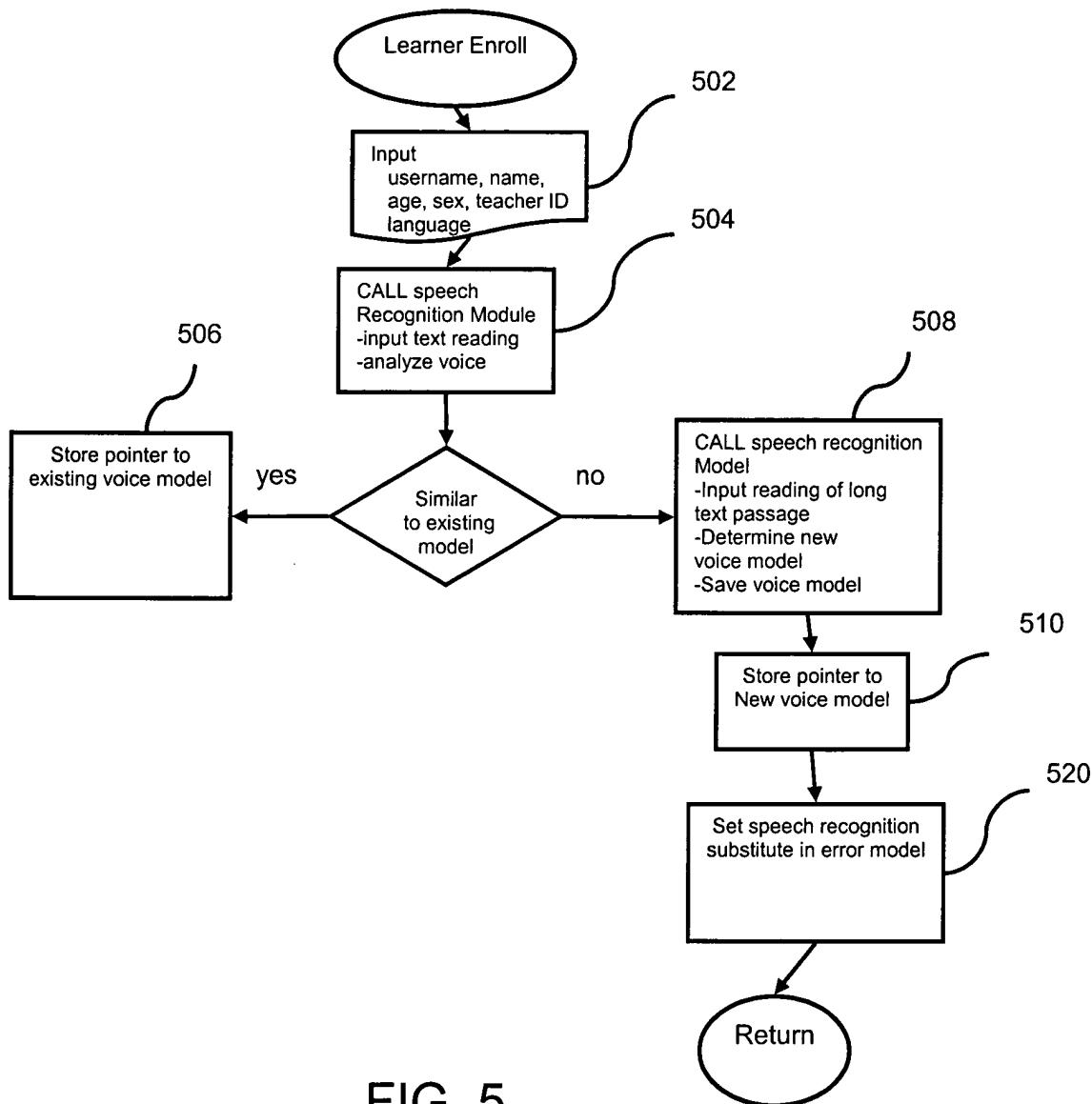


FIG. 5

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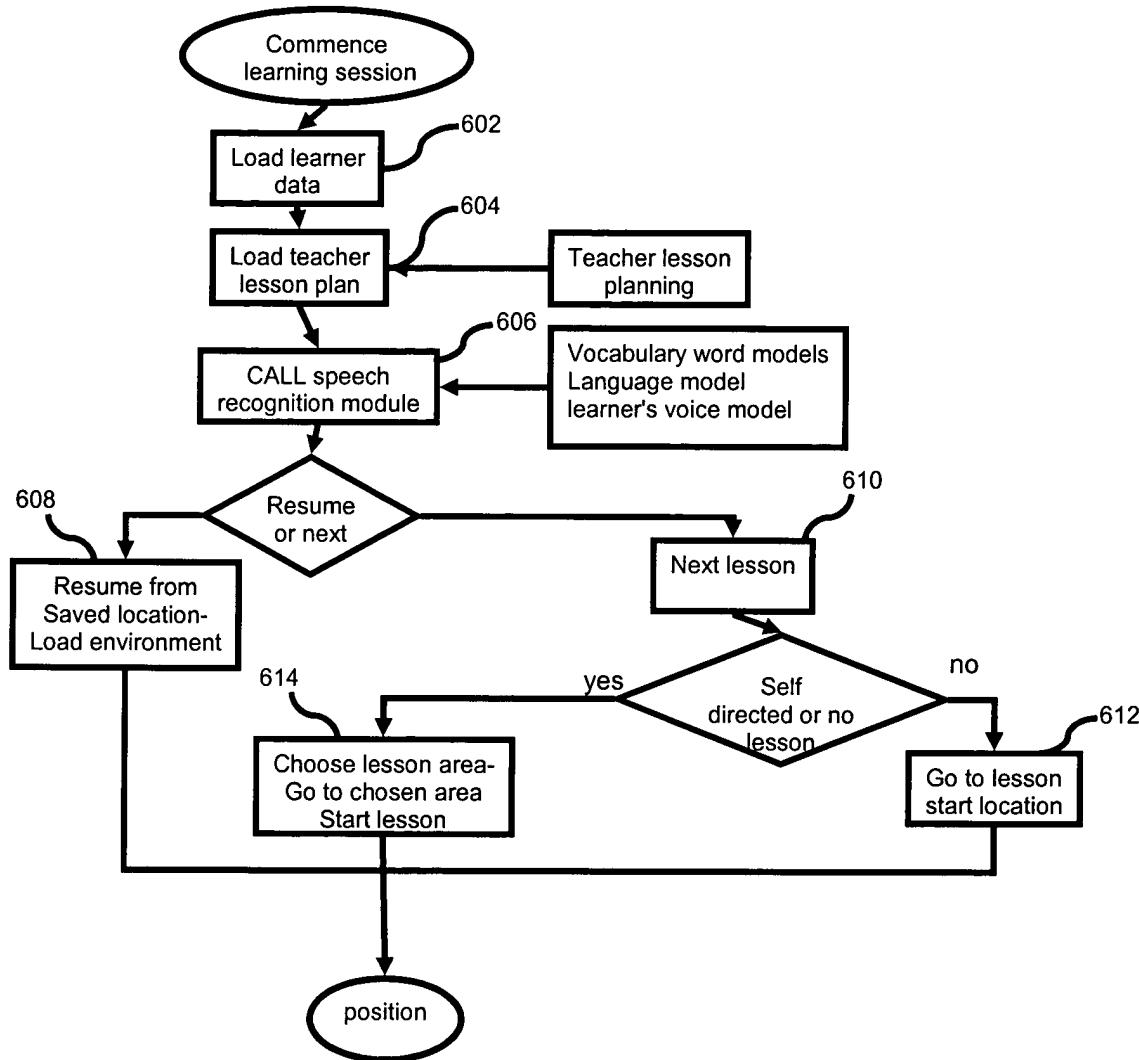


FIG. 6

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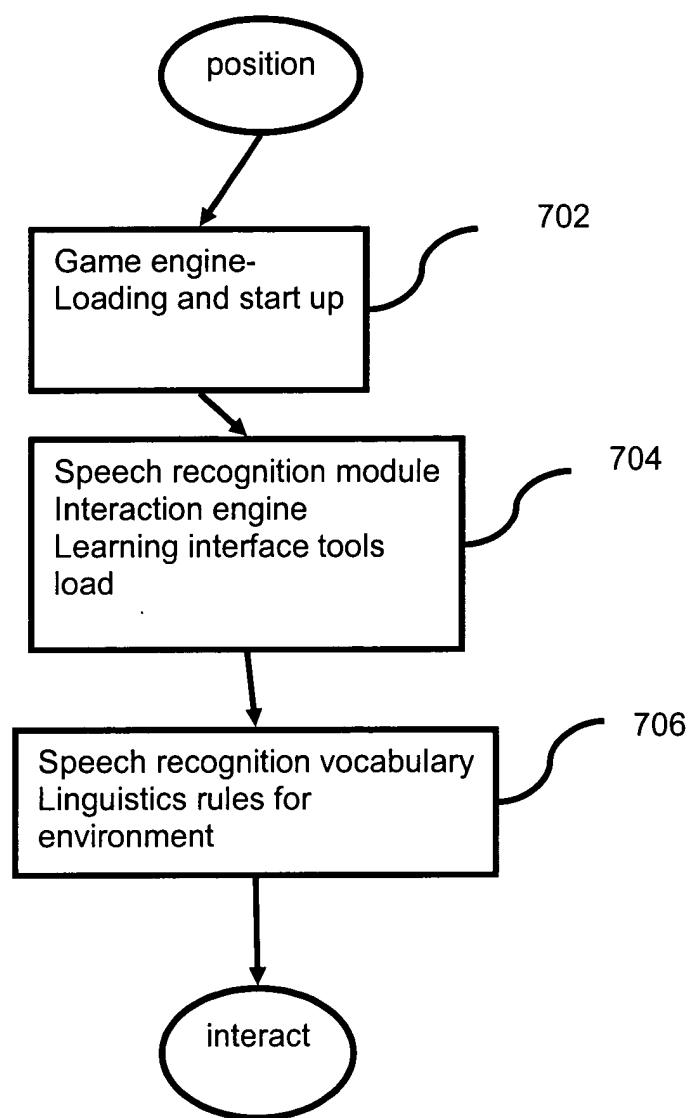


FIG. 7

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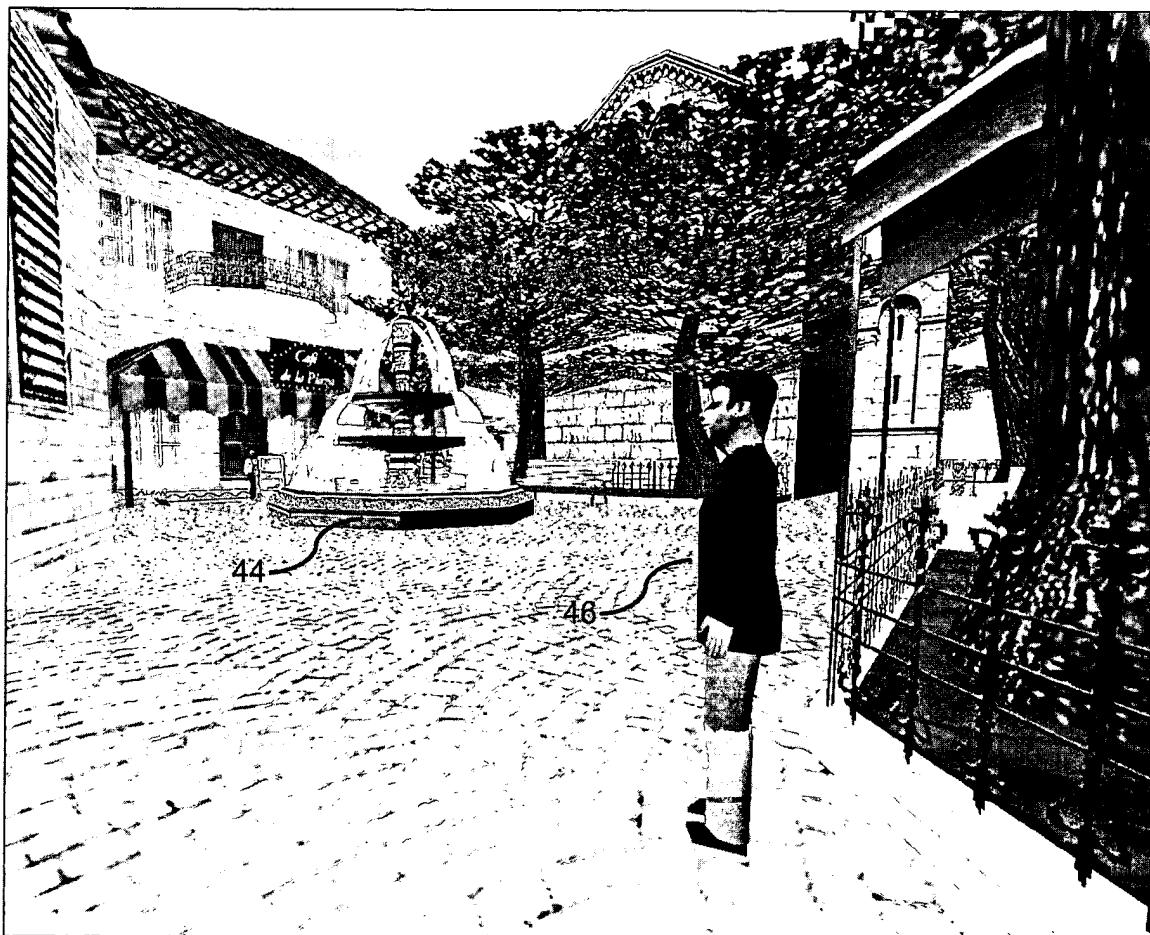


FIG. 8

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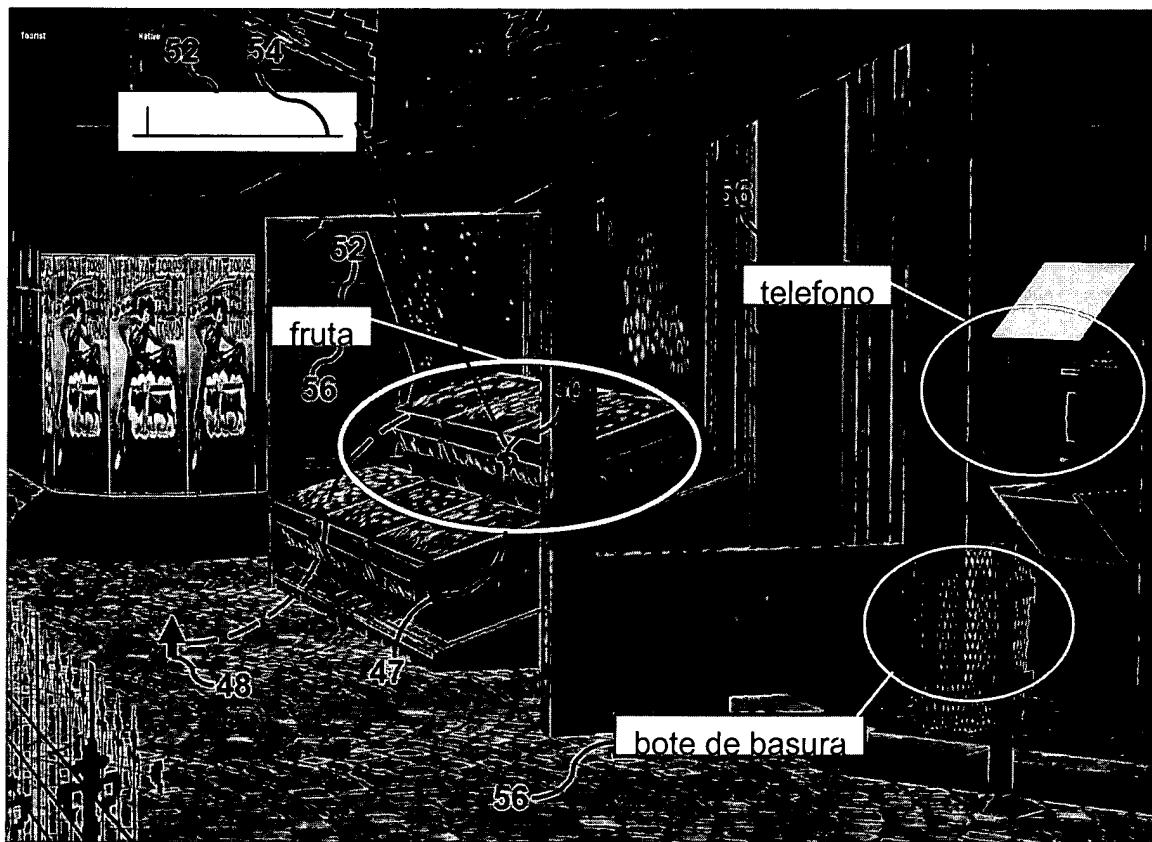


FIG. 9a

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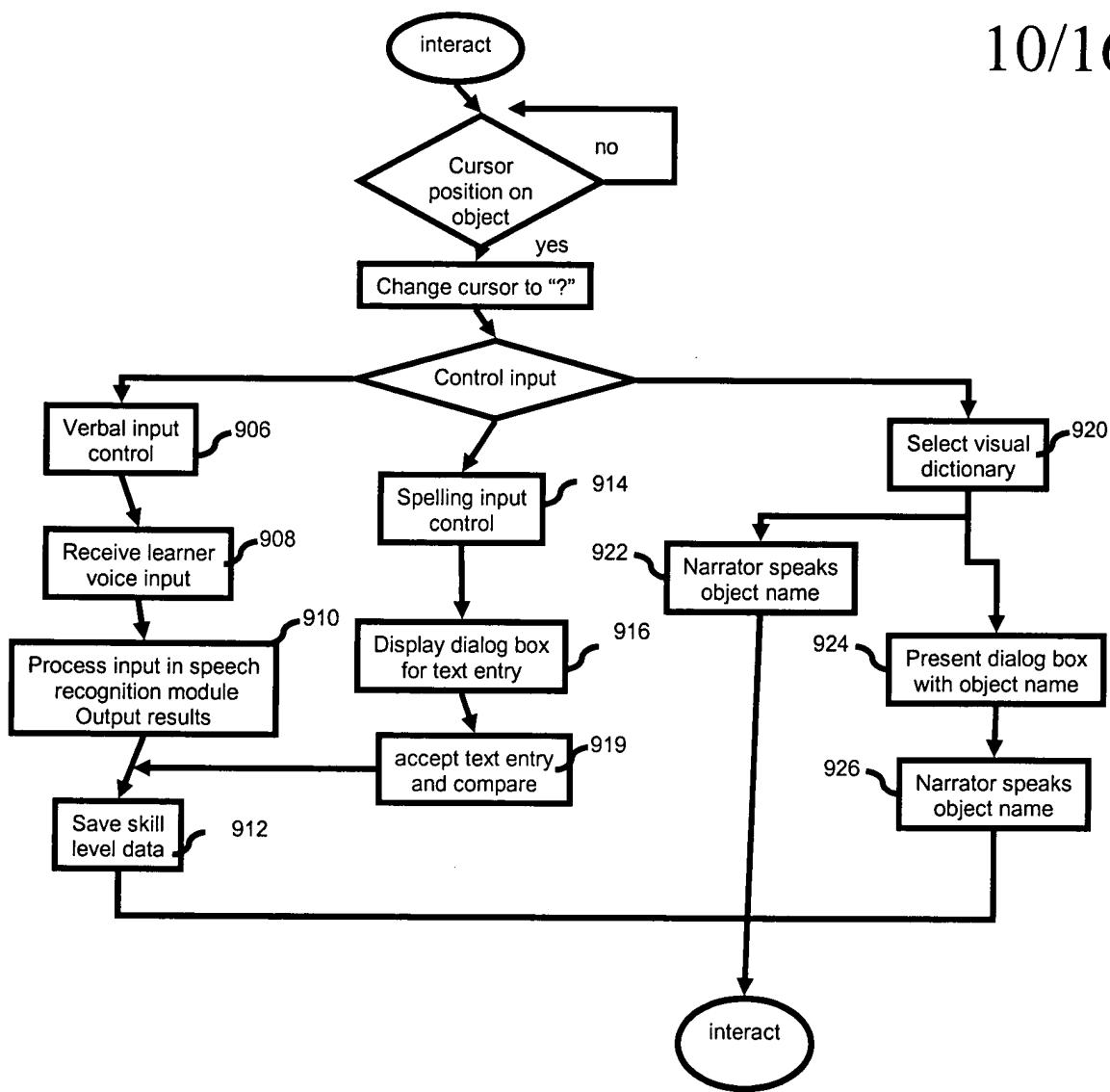


FIG. 9b

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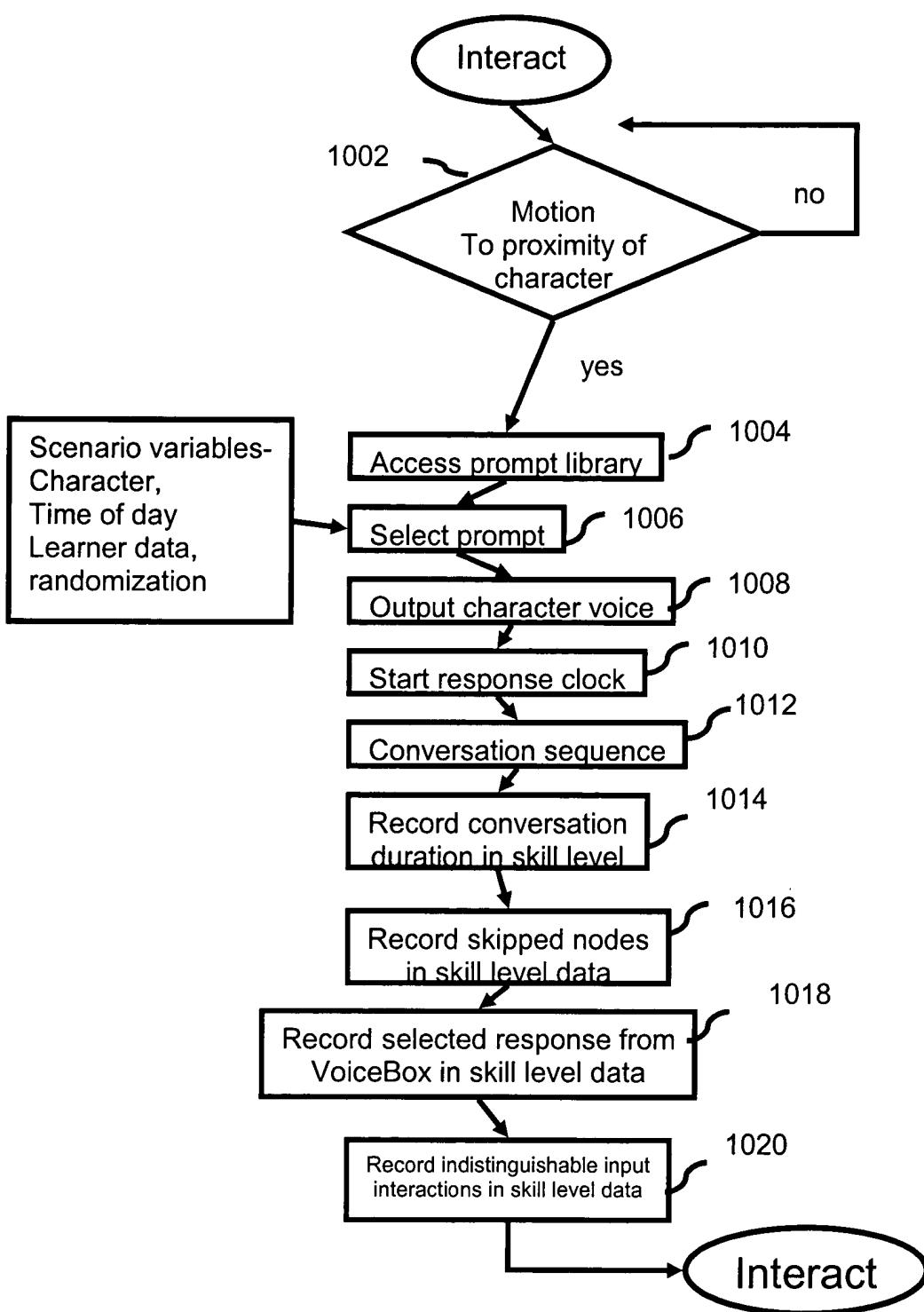


FIG. 10

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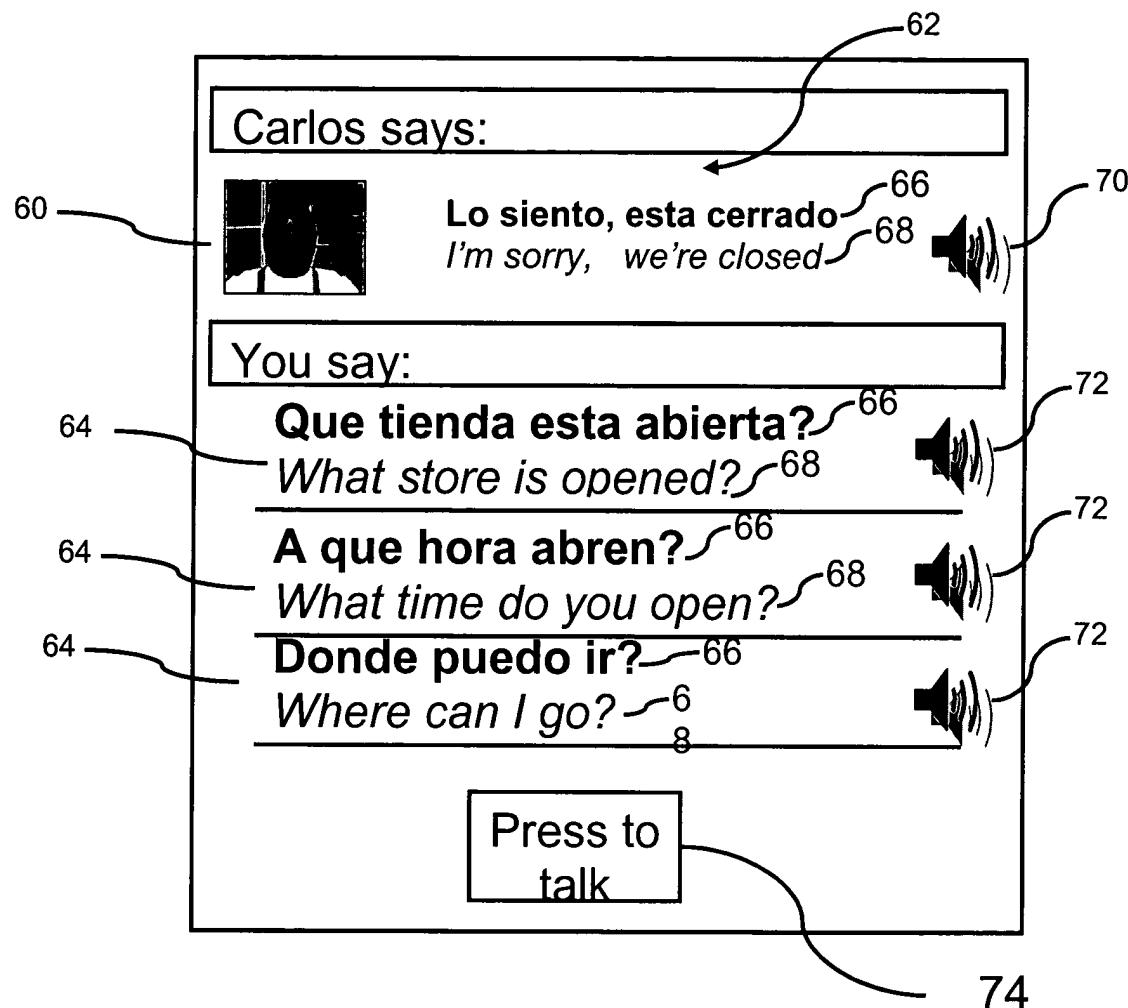


Fig 11

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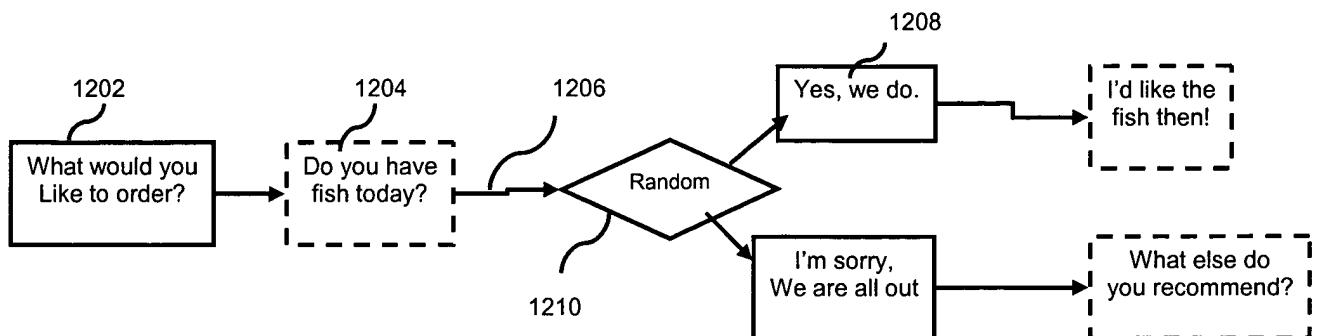


FIG. 12 A

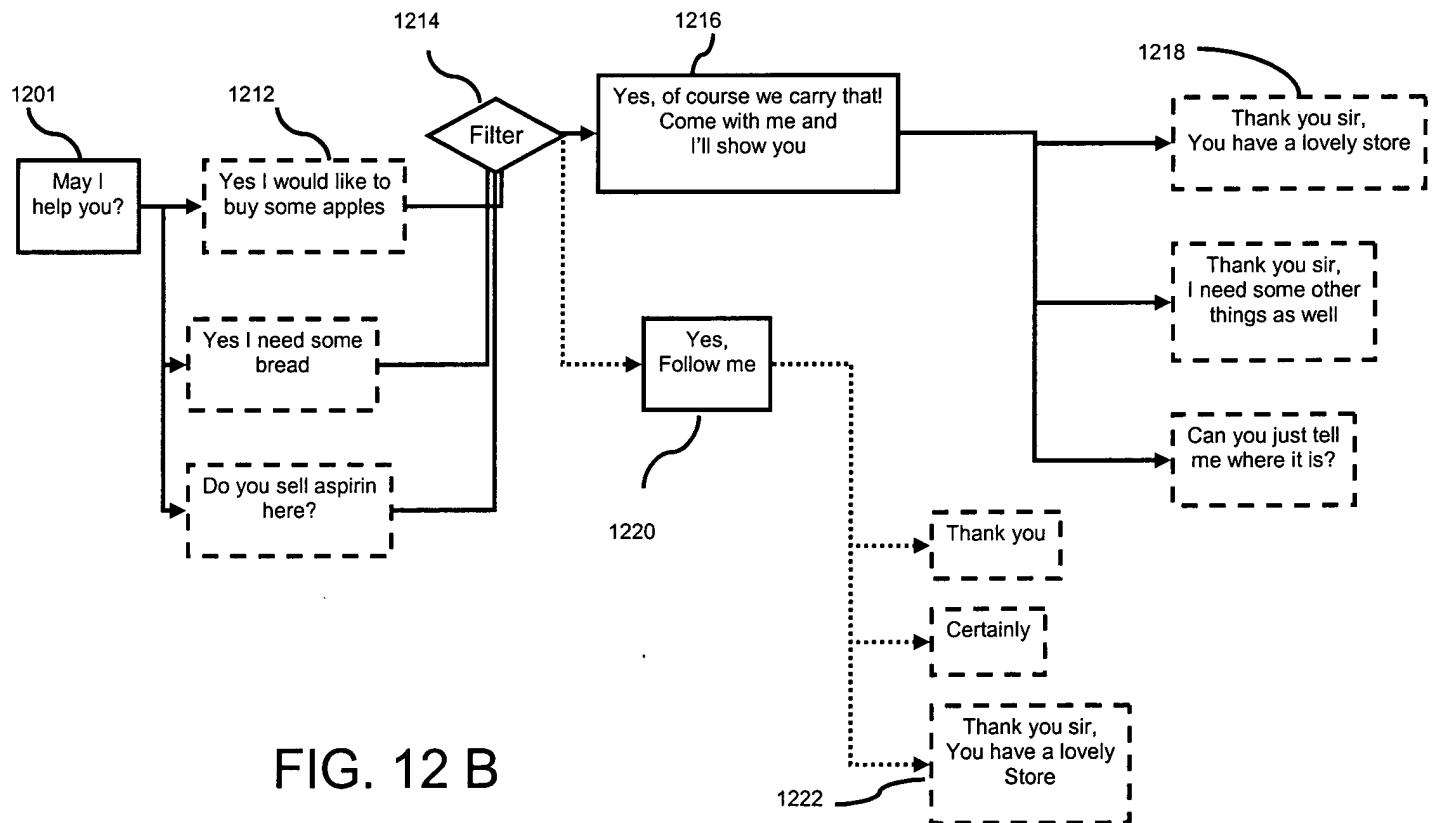


FIG. 12 B

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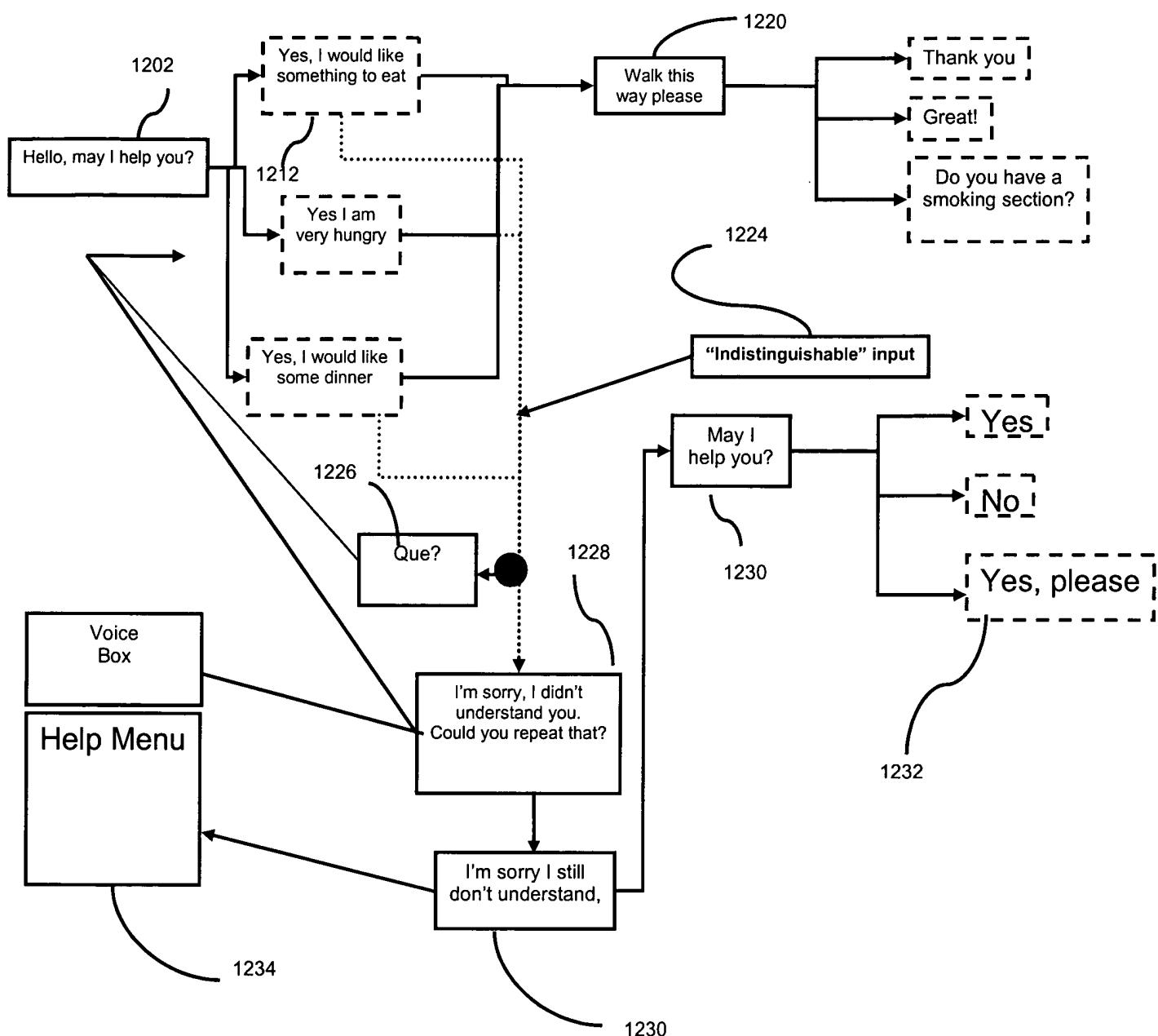


FIG. 12 C

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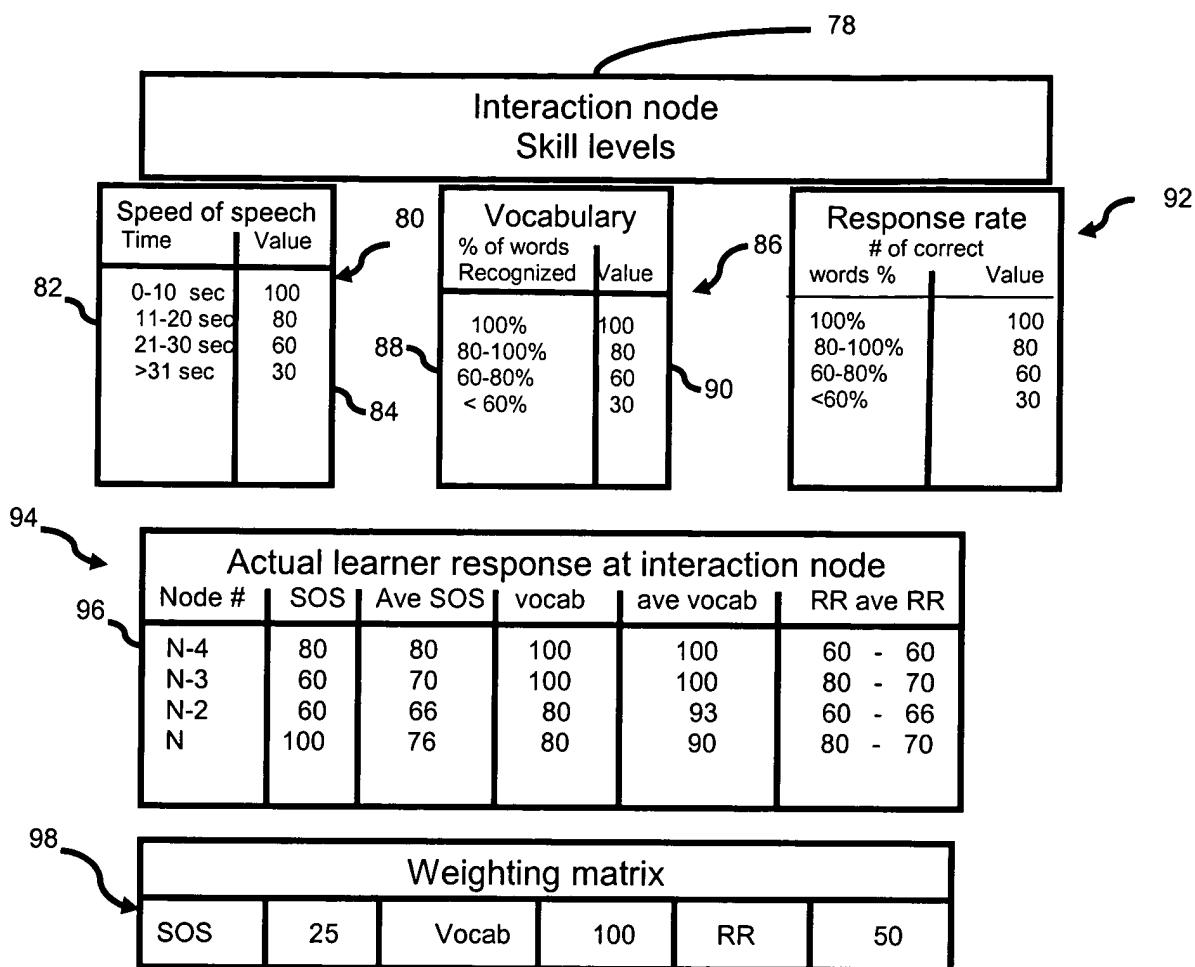


FIG. 13

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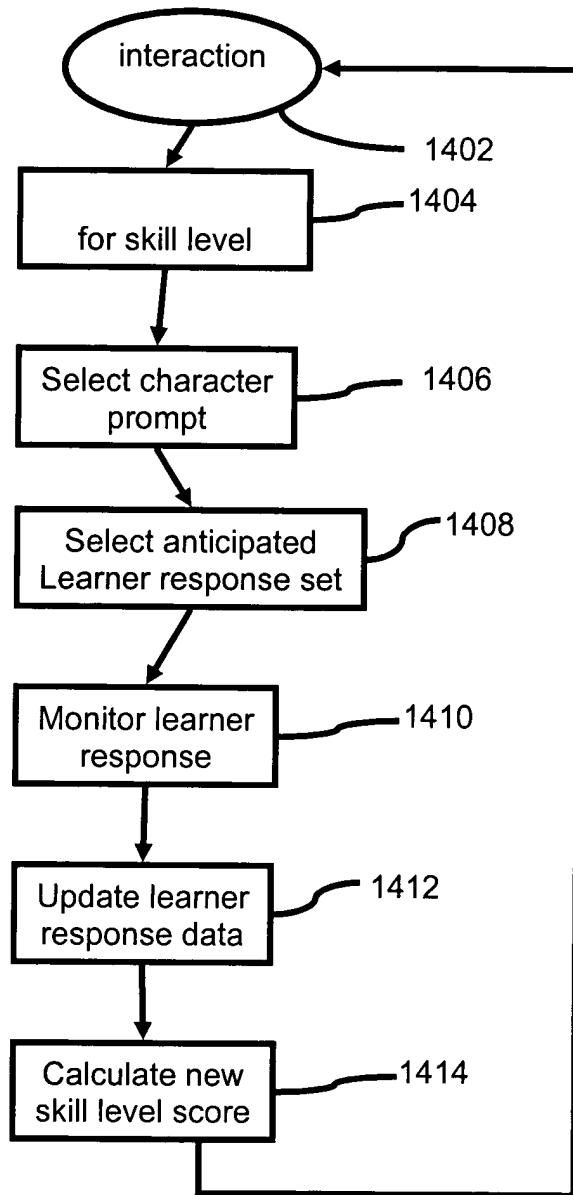


FIG. 14